F.A. PROJECT NO. NOTES ASSUMED LIVE LOAD ------HS20-44 OR ALTERNATE LOADING. DESIGN FILL-----FOR OTHER DESIGN DATA AND NOTES SEE STANDARD NOTE SHEET. 3" Ø WEEP HOLES INDICATED TO BE IN ACCORDANCE WITH THE SPECIFICATIONS. CONCRETE IN CULVERTS TO BE POURED IN THE FOLLOWING ORDER: 1. WING FOOTINGS AND FLOOR SLAB INCLUDING 4" OF ALL VERTICAL WALLS. 2. THE REMAINING PORTIONS OF THE WALLS AND WINGS FULL HEIGHT FOLLOWED BY ROOF SLAB AND HEADWALLS. THE RESIDENT ENGINEER SHALL CHECK THE LENGTH OF CULVERT BEFORE STAKING IT OUT TO MAKE CERTAIN THAT IT WILL PROPERLY TAKE CARE OF THE FILL. THIS BARREL STANDARD TO BE USED ONLY ON CULVERT ON 75° SKEW AND TO BE USED WITH STANDARD WING SHEET WITH THE SAME SKEW AND VERTICAL CLEARANCE. DIMENSIONS FOR WING LAYOUT AS WELL ADDITIONAL REINFORCING STEEL EMBEDDED IN BARREL ARE SHOWN ON WING SHEET. TRANSVERSE CONSTRUCTION JOINTS SHALL BE USED IN THE BARREL, SPACED TO LIMIT THE POURS TO A MAXIMUM OF 70 FT. LOCATION OF JOINTS SHALL BE SUBJECT TO APPROVAL OF THE ROGINEER. STEEL IN THE BOTTOM SLAB MAY BE SPLICED AT THE PERMITTED CONSTRUCTION JOINT AT THE CONTRACTOR'S OPTION.EXTRA WEIGHT OF STEEL DUE TO THE SPLICES SHALL BE PAID FOR BY THE CONTRACTOR. AT THE CONTRACTOR'S OPTION, HE MAY SPLICE THE VERTICAL REINFORCING STEEL IN THE INTERIOR FACE OF EXTERIOR WALL AND BOTH FACES OF INTERIOR WALLS AND BOTH FACES OF INTERIOR WALLS AND BOTH FACES OF INTERIOR WALLS AND STATE OF THE SPLICE LENGTH SHALL BE AS PROVIDED IN THE SPLICE LENGTH CHART SHOWN ON THE PLANS, EXTRA WEIGHT OF STEEL DUE TO THE SPLICES SHALL BE AS IP AND FOR BY THE CONTRACTOR. THE STLICES SHALL BE MALD FOR BY THE CONTRACTOR.

AT THE CONTRACTOR'S OPTION HE MAY SUBMIT, TO THE ENGINEER FOR APPROVAL
DESION AND DETAIL DRAWINGS FOR A PRECAST REINFORCED CONCRETE BOX CULVERT
IN LIEU OF THE CAST-IN-FLACE CULVERT SHOWN ON THE PLANS, THE DESION SHALL
PROVIDE THE SAME SIZE AND NUMBER OF BARRELS AS USED ON THE CAST-IN-PLACE
DESION, FOR OPTIONAL PRECAST REINFORCED CONCRETE BOX CULVERT, SEE SPECIAL
PROVISIONS. TOTAL STRUCTURE QUANTITIES CLASS A CONCRETE C.Y. BARREL @ WING ETC. C.Y. _C.Y. TOTAL_ LOCATION SKETCH REINFORCING STEEL BARREL. LBS. LBS. WINGS ETC. LBS. PROJECT NO. ___ _ COUNTY STATION: __ SHEET 2 OF 2 STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH VERTICAL LEG-6 BARREL STANDARD TRIPLE FT.X FT. PROFILE ALONG & CULVERT CONCRETE BOX CULVERT 75° SKEW BAR TYPE AUGUST REVISIONS SHEET NO. ASSEMBLED BY : __ SPECIAL BAR DIMENSIONS ARE OUT TO OUT DATE: NO. BY: DATE DATE : OCT. 1989 DATE : OCT. 1989 TOTAL SHEETS STANDARD STD. NO. CB23A

